

P. 12/17

27

161516240

IAF2006000040 18 APR 2006

67. A substitute human milk fat composition comprising a blend of at least 26% of the fat base composition of any one of claims 1 to 5-6 with up to 75% of at least one vegetable oil.

25/07/200

Printed: 17/08/2005

GLMSPAMD

IL 04791829

25-JUL-2005 12:19 From:

026244144

To: +49 89 23994465

P.13/17

16847WO17815

28

78. The substitute human milk fat composition of claim 76, wherein said vegetable oil may be selected from the group comprising soy oil, palm tree oil, canola oil, coconut oil, palm kernel oil, sunflower oil, corn oil and rapeseed oil.

89. An infant formula comprising the substitute human milk fat composition of any one of claims 6-7 and 78.

910. An infant formula comprising at least one protein component and at least one fat component, wherein said fat component is the substitute human milk fat composition of any one of claims 6-7 and 78, further optionally comprising vitamins, minerals, nucleotides, amino acids and carbohydrates.

1011. A process for the preparation of the fat base composition of any one of claims 1 to 55, comprising the steps of

- reacting a palmitic acid rich oil with unsaturated fatty acids, preferably oleic acid, in the presence of an insoluble catalyst;
- removing the catalyst;
- distilling the excess free fatty acids;
- bleaching the oil; and optionally
- deodorizing ~~ation~~ of the product of step (d).

1112. The process of claim 1011, optionally further comprising a step of fractionation preceding the deodorization step (e).

1213. A process for the preparation of the substitute human milk fat composition of any one of claims 6-7 and 78, comprising admixing said vegetable oil with the fat base composition of any one of claims 1 to 55.

1314. Use of the fat base composition of any one of claims 1 to 55 in the preparation of a substitute human milk fat composition for infant formulae.

Printed: 17/08/2005

CLMSPAMD

IL 04791829

25-JUL-2005 12:19 From:

026244144

To: +49 89 23994465

P.14/17

16647WO17815 .

19

1415. Use of the fat composition of any one of claims 67 and 78 in the preparation of an infant formula.